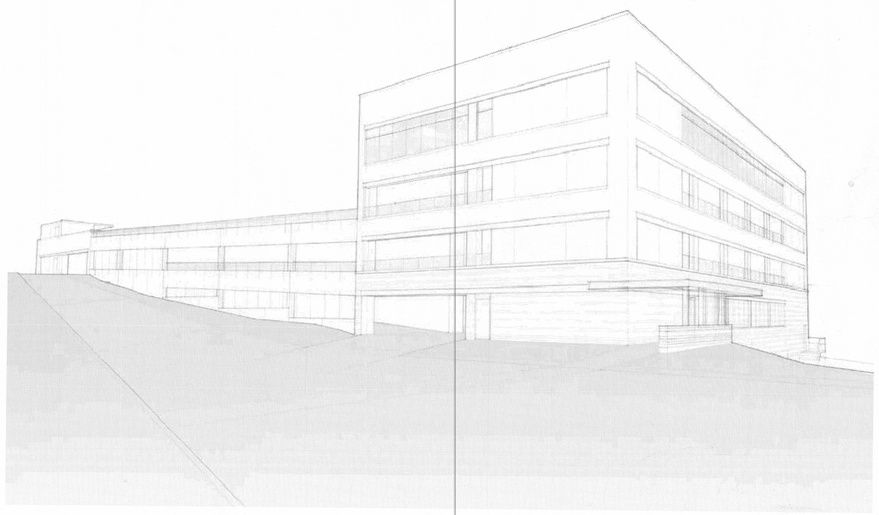
REGENCE - LEWISTON
WEST PARKING STRUCTURE
1602 21st AVENUE

PERMIT SET - AUGUST 1, 2007



PROJECT TEAM

OWNER

REGENCE BLUESHIELD

1602 21st Avenue
Lewiston, Idaho

PHONE: (208) 798-2212
Contact: Jeanie Kirkpatrick

ARCHITECT

GROUP MACKENZIE

500 Union St. #325
Seattle, WA 98101

PHONE: 206-749-9993
FAX: 206-749-5565

Contact: Rich Mitchell

STRUCTURAL ENGINEER

GROUP MACKENZIE

500 Union St. #325
Seattle, WA 98101

PHONE: 206-749-9993
FAX: 206-749-5565

Contact: Josh McDowell

CIVIL ENGINEER

GROUP MACKENZIE

RiverEast Center
1515 SE Water Avenue, Suite 100
Portland, OR 97214

PHONE: 503-224-9560
FAX: 503-228-1285

Contact: Matt Butts

SURVEY/GEOTECHNICAL

THOMAS, DEAN, AND HOSKINS

2517 17th Street, Suite B
Lewiston, Idaho 83501

PHONE: 208-746-0938
FAX: 208-746-3511

Contact: Michael Van Stone

CONTRACTOR

KENASTON CORPORATION

PO Box 245
2515 Main Street
2515 Main Street

PHONE: 208-746-0938
FAX: 208-746-3511

Contact: Kathie Heimerl

MECHANICAL / PLUMBING DESIGN BUILD

MUSGROVE ENGINEERING, P.A.

410 S. Orchard St., Suite 184
Boise, Idaho 83705

PHONE: 208-384-0585
FAX: 208-384-0765

Contact: Mike Purcell

ELECTRICAL DESIGN BUILD

E2CO

545 N. Benjamin Lane, Suite 175
Boise, ID 83704

PHONE: 208-378-4450
FAX: 208-378-4451

Contact: Keith Mills

ABBREVIATIONS

AB	ANCHOR BOLT
AC	ASPHALTIC CONCRETE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
AL/ALUM	ALUMINUM
AN/ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
B/	BOTTOM OF
BD	BOARD
BTWN	BETWEEN
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BENCH MARK
BOTT	BOTTOM
BRG PL	BEARING PLATE
CB	CATCH BASIN
CI	CAST IRON
CJ	CONTROL JOINT
℄	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRUGATED(ION)
CPT	CARPET
CSP	CONCRETE SEWER PIPE
CT	CERAMIC TILE
CNTR	CENTER
DBL	DOUBLE
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELEV	ELEVATION
ELECT	ELECTRICAL
EQ	EQUAL
EXIST	EXISTING
EXP	EXPOSED
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
F	FLUSH
FACE/STUD	FACE OF STUD
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FF	FACTORY FINISH
FFE	FINISH FLOOR ELEVATION
FIN FLR	FINISH FLOOR
FIN GR	FINISH GRADE
FLR	FLOOR
FOC	FACE OF CONCRETE
FND	FOUNDATION
FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR
F/	FACE OF
FOS	FACE OF STUD
FOW	FACE OF WALL
FT	FEET/FOOT
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB	GYPSUM BOARD
GEN	GENERAL
GL	GLAZED
GR	GRADE
HB	HOSE BIBB
HC	HOLLOW CORE
HDR	HEADER
HDW	HARDWARE
HM	HOLLOW METAL
HMK	HOLLOW METAL KNOCKDOWN
HORIZ	HORIZONTAL
HTG	HEATING
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
ID	INSIDE DIMENSION
IE	INVERT ELEVATION
INSUL	INSULATION
INT	INTERIOR
JST	JOIST
JNT	JOINT
LL	LIVE LOAD
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFD	MANUFACTURED
MFG	MANUFACTURING
MFR	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MK	MARK
MO	MASONRY OPENING
NIC	NOT IN CONTRACT
NO./#	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O/A	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OVHD	OVERHEAD DOOR
OPNG	OPENING
OPP	OPPOSITE
O/S	OUTSIDE
P	PAINT
PL	PLATE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PVC	POLY VINYL CHLORIDE
PVMT	PAVEMENT
PT	PRESSURE TREATED
R	RADIUS
RAD	RADIAL
RB	RUBBER BASE
RBE	ROOF BEARING ELEVATION
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCING
REQ	REQUIRED
REV	REVISION
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
S	STAIN
SAT	SUSPENDED ACOUSTICAL TILE
SC	SEALED CONCRETE OR SOLID CORE
SF	STOREFRONT
SHTG	SHEATHING
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STA PT	STATION POINT
STD	STANDARD
SUSP	SUSPENDED
T/	TOP OF
THK	THICK(NESS)
TS	TUBE STEEL
TU	TILT-UP
TYP	TYPICAL
UL	UNDER WRITERS LABORATORIES
U/S	UNDERSIDE
V	VARIES
VERT	VERTICAL
VEST	VESTIBULE
W/	WITH
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
W/O	WITHOUT
WP	WATER PROOF
WR	WATER RESISTANT
WWM	WELDED WIRE MESH
WH	WATER HEATER

DRAWING CRITERIA

ALL DRAWINGS ARE IDENTIFIED BY TWO DIGITS AS FOLLOWS:

A. CATEGORY LETTER REFERRING TO THE DISCIPLINE OR MAJOR DIVISION.
   - T. TITLE SHEET
   - C. CIVIL - SITE DEVELOPMENT
   - L. LANDSCAPE
   - A. ARCHITECTURAL
   - S. STRUCTURAL
   - P. PLUMBING
   - M. MECHANICAL
   - E. ELECTRICAL

B. SUB-CATEGORY NUMBER REFERRING TO TYPE OF DRAWING OR GROUPING.
   1. GENERAL
   2. PLANS
   3. EXTERIOR ELEVATIONS/BUILDING SECTIONS
   4. WALL SECTIONS
   5. INTERIOR ELEVATIONS
   6. REFLECTED CEILING PLANS
   7. STAIR SECTIONS, PLANS, AND DETAILS
   8. DETAILS
   9. SCHEDULES

SYMBOLS AND REFERENCES

BUILDING SECTION KEY MARKS — 1 / A3.2 — SHEET # / SUB-CATEGORY / CATEGORY

SECTION KEY MARKS — 2 / A3.3 — SECTION# / SHEET # / SUB-CATEGORY / CATEGORY

ELEVATION KEY MARKS — 2 / A3.3 — DETAIL# / SHEET # / SUB-CATEGORY / CATEGORY

DETAIL REFERENCE MARKS — 12 / A7.2 — DETAIL# / SHEET # / SUB-CATEGORY / CATEGORY

ROOM/SPACE IDENTIFICATION — OFFICE / 101 — ROOM NAME / ROOM #

DOOR SYMBOL NUMBER — 101A

WINDOW TYPE — A

REVISION MARK — 1 — REVISION DELTA

SITE INFORMATION

LEGAL DESCRIPTION

LOT: 0000

INDEX OF DRAWINGS

T1.1 COVER SHEET AND DRAWING INDEX
T1.2 EGRESS PLAN AND CODE ANALYSIS

CIVIL DRAWINGS

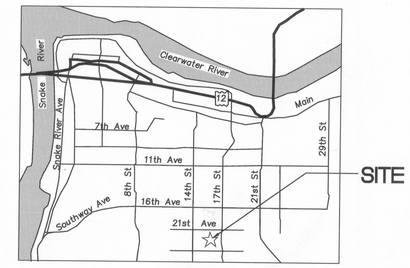
C1.0 EXISTING CONDITIONS PLAN - FOR REFERENCE ONLY
C2.0 DEMOLITION PLAN - FOR REFERENCE ONLY
C3.0 SITE PLAN - FOR REFERENCE ONLY
C4.0 GRADING PLAN - FOR REFERENCE ONLY
C5.0 UTILITY PLAN - FOR REFERENCE ONLY
C6.0 EROSION CONTROL PLAN - FOR REFERENCE ONLY
C7.0 SITE DETAILS - FOR REFERENCE ONLY

LANDSCAPE DRAWINGS

L1.0 LANDSCAPE PLAN - FOR REFERENCE ONLY

ARCHITECTURAL DRAWINGS

A2.0 BASEMENT FLOOR PLAN
A2.1 FIRST FLOOR PLAN
A2.2 SECOND FLOOR PLAN
A2.3 THIRD FLOOR PLAN
A2.4 FOURTH FLOOR PLAN
A2.5 FIFTH FLOOR PLAN
A2.6 ROOF PLAN
A3.1 EAST AND NORTH EXTERIOR ELEVATIONS
A3.2 WEST AND SOUTH EXTERIOR ELEVATIONS
A3.3 BUILDING SECTIONS
A4.1 WALL SECTIONS
A4.2 WALL SECTIONS
A4.3 WALL SECTIONS
A7.1 ENLARGED ELEVATOR AND STAIR PLANS AND SECTIONS
A7.2 STAIR #2 ENLARGED PLANS AND SECTIONS
A7.3 STAIR #3 ENLARGED PLANS AND SECTIONS
A7.4 STAIR AND SHAFT DETAILS
A8.1 ROOF DETAILS
A8.2 DETAILS
A8.3 DETAILS
A8.4 PLAN DETAILS
A8.5 GUARDRAIL AND SECURITY GRILLE ELEVATIONS AND SECTIONS
A8.6 SITE DETAILS AND CANOPY ENLARGED PLANS ELEVATIONS AND SECTIONS
A9.0 DOOR AND WINDOW TYPES AND SCHEDULE



VICINITY MAP
N.T.S.

STRUCTURAL DRAWINGS

S1.0 GENERAL STRUCTURAL NOTES
S1.1 GENERAL STRUCTURAL NOTES
S2.0 BASEMENT FOUNDATION PLAN
S2.1 FIRST FLOOR FOUNDATION PLAN
S2.5 FIFTH FLOOR PLAN
S2.6 ROOF FRAMING PLAN
S3.1 FOUNDATION ELEVATIONS
S8.1 TYPICAL DETAILS
S8.2 TYPICAL DETAILS

ELECTRICAL DRAWINGS

E0.0 ELECTRICAL SYMBOLS LIST AND SHEET INDEX
E1.0 ELECTRICAL SITE PLAN
E2.0F BASEMENT PARKING GARAGE FIRE ALARM PLAN
E2.0L BASEMENT PARKING GARAGE LIGHTING PLAN
E2.0P BASEMENT PARKING GARAGE POWER PLAN
E2.1F FIRST FLOOR GARAGE FIRE ALARM PLAN
E2.1L FIRST FLOOR GARAGE LIGHTING PLAN
E2.1P FIRST FLOOR GARAGE POWER PLAN
E2.2F SECOND FLOOR GARAGE FIRE ALARM PLAN
E2.2L SECOND FLOOR GARAGE LIGHTING PLAN
E2.2P SECOND FLOOR GARAGE POWER PLAN
E2.3F THIRD FLOOR GARAGE FIRE ALARM PLAN
E2.3L THIRD FLOOR GARAGE LIGHTING PLAN
E2.3P THIRD FLOOR GARAGE POWER PLAN
E2.4F FOURTH FLOOR GARAGE FIRE ALARM PLAN
E2.4L FOURTH FLOOR GARAGE LIGHTING PLAN
E2.4P FOURTH FLOOR GARAGE POWER PLAN
E2.5F FIFTH FLOOR GARAGE FIRE ALARM PLAN
E2.5L FIFTH FLOOR GARAGE LIGHTING PLAN
E2.5P FIFTH FLOOR GARAGE POWER PLAN
E3.0 ONE LINE DIAGRAM AND DETAILS
E3.1 ELECTRICAL DETAILS
E3.2 ELECTRICAL SCHEDULES

MECHANICAL DRAWINGS

MC1.1 MECHANICAL COVER SHEET
MC1.2 ENERGY COMPLIANCE SHEET
M1.0 BASEMENT FLOOR MECHANICAL PLAN
M1.1 FIRST FLOOR MECHANICAL PLAN
M1.2 SECOND FLOOR MECHANICAL PLAN
M1.3 THIRD FLOOR MECHANICAL PLAN
M1.4 FOURTH FLOOR MECHANICAL PLAN
M1.5 FIFTH FLOOR MECHANICAL PLAN
M1.6 SIXTH FLOOR MECHANICAL PLAN
M2.1 MECHANICAL DETAILS
M3.1 MECHANICAL SCHEDULES

NEW PARKING GARAGE

GROUP MACKENZIE

Civil Engineering
Structural Engineering
Transportation Planning
Landscape Architecture

Architecture
Interior Design
Land Use Planning

Portland OR 503.224.9560
Vancouver WA 360.993.7679
Seattle WA 206.749.9993

Client
Regence Blueshield of Idaho

Regence BlueShield of Idaho

Project
West Parking Structure

Architectural/Structural/Civil
GROUP MACKENZIE
500 Union St. Suite 325
Seattle WA 98101
Phone: (206)749-9993
FAX: (206)749-5565

1602 21ST AVE BLDG E

ENGINEERING DEPT. COPY

LICENSED ARCHITECT AR 2597
RICHARD J. MITCHELL
STATE OF IDAHO

REVISIONS:

REVISION DELTA	REVISIONS THIS SHEET	REVISION DELTA CLOSING DATE

SHEET TITLE:
COVER SHEET DRAWING INDEX

ENGINEERING DEPT. COPY

DRAWN BY: JLM

CHECKED BY: MET, RJM

SHEET
T1.1

B07-002401

JOB NO. 2050040.06

BUILDING PERMIT SET: 8-1-2007

J:\2050040\010-T1-1.DWG NJP 07/29/07 19:41 1:1.0"

CODE ANALYSIS

GENERAL CODE ANALYSIS

BASED ON THE 2003 INTERNATIONAL BUILDING CODE (IBC)

CONSTRUCTION TYPE: II–A

FIVE STORIES & BASEMENT

FIRE PROTECTION: AUTOMATIC SPRINKLER SYSTEM PROVIDED THROUGHOUT, IN ACCORDANCE WITH CITY OF LEWISTON ORDINANCE

FIRE PROTECTION: AUTOMATIC ALARM SYSTEM –– PROVIDED

OCCUPANCY: 'A–3' EXERCISE ROOM
'S–2' PARKING GARAGE

ALLOWABLE AREA - FORMULA (SECTION 506.1)

$$Aa = At + \left[\frac{At\ If}{100}\right] + \left[\frac{At\ Is}{100}\right] \quad \text{(EQUATION 5–1)}$$

Aa=ALLOWABLE AREA PER FLOOR (SQUARE FEET)
At=TABULAR AREA PER FLOOR IN ACCORDANCE W/ TABLE 503 (SQUARE FEET)
If=AREA INCREASE DUE TO FRONTAGE (PERCENT) AS CALCULATED IN ACCORDANCE W/ SECTION 506.2.
Is=AREA INCREASE DUE TO SPRINKLER PROTECTION (PERCENT) AS CALCULATED IN ACCORDANCE W/ SECTION 506.3

ALLOWABLE AREA - CALCULATION
S–2 OCCUPANCY FOR TYPE IIA CONST.:
Aa=39,000 SF

$$Aa = 39{,}000 + \left[\frac{39{,}000(75)}{100}\right] + \left[\frac{39{,}000(200)}{100}\right]$$

Aa=39,000+29,250+78,000
Aa=146,250 SF

ALLOWABLE AREA - CALCULATION
A–3 OCCUPANCY FOR TYPE IIA CONST.:
Aa=15,500 SF

$$Aa = 15{,}500 + \left[\frac{15{,}500(75)}{100}\right] + \left[\frac{15{,}500(200)}{100}\right]$$

Aa=15,500+11,625+31,000
Aa=58,125 SF

AREA DETERMINATION * (SECTION 506.4)
Aa= 58,125 SF
58,125 SF (3) = 174,375 SF

* S–2 OCCUPANCY FOR TYPE IIA CONST.: Aa=39,000 SF
A–3 OCCUPANCY FOR TYPE IIA CONST.: Aa=15,500 SF
USE 15,500 (MOST RESTRICTIVE)

ACTUAL AREA PER FLOOR

MAX. ALLOWABLE ON ANY FLOOR SHALL NOT EXCEED Aa (58,125 SF)

AREA	SQUARE FEET	OCCUPANCY
BASEMENT	11,304 SF	S–2
1ST FLOOR	31,279 SF	S–2
2ND FLOOR	31,279 SF	S–2
3RD FLOOR	31,279 SF	S–2
4TH FLOOR	31,279 SF	S–2
5TH FLOOR PARKING GARAGE	21,161 SF *	S–2
5TH FLOOR EXERCISE ROOM	6,125 SF *	A–3
TOTAL:	163,706 SF	

CONCLUSION
NO STORY EXCEEDS Aa (58,125 SF): ACCEPTABLE AREA PER FLOOR
ACTUAL TOTAL AREA 163,706 SF < 174,375 SF : ACCEPTABLE TOTAL AREA

* IN EACH STORY, THE BUILDING AREA SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE FLOOR AREA OF EACH USE DIVIDED BY THE ALLOWABLE AREA FOR EACH USE SHALL NOT EXCEED ONE (SECTION 302.3.2)

$$\left[\frac{\text{ACTUAL 5TH FLOOR S–2 AREA}}{\text{ALLOWABLE 5TH FLOOR S–2 AREA}}\right] + \left[\frac{\text{ACTUAL 5TH FLOOR A–3 AREA}}{\text{ALLOWABLE 5TH FLOOR A–3 AREA}}\right] <= 1$$

$$\left[\frac{21{,}161}{146{,}250}\right] + \left[\frac{6{,}125}{58{,}125}\right] <= 1 \qquad .25 <= 1$$

HEIGHT DETERMINATION (SECTION 503)

ALLOWED: 6 STORIES/ 85' TALL *
PROVIDED: 5 STORIES & BASEMENT/ 46' TALL

* W/ AUTOMATIC SPRINKLER SYSTEM INCREASE PER 504.2

BUILDING FIRE RESISTIVE REQUIREMENTS

EXTERIOR NON–BEARING WALLS (TABLE 602)	0
INTERIOR NON–BEARING WALLS (TABLE 601)	0
STRUCTURAL FRAME (TABLE 601)	1
ROOF (TABLE 601)	1
FLOORS (TABLE 601)	1
SHAFTS (707.4)	2–HOUR
STAIRS (1019.1)	2–HOUR

MAXIMUM AREA OF EXTERIOR WALL OPENINGS (TABLE 704.8)
FOR BUILDINGS WITH AUTOMATIC SPRINKLER SYSTEM, THE MAX. ALLOWABLE AREA OF UNPROTECTED OPENINGS IS EQUAL TO THE ALLOWABLE AREA OF PROTECTED OPENINGS. (704.8.1) THE MAX. ALLOWABLE AREA IS UNLIMITED.

NON–SEPARATED USES IN ACCORDANCE W/ IBC SECTION 302.3.1 *
EACH PORTION OF THE BUILDING SHALL BE INDIVIDUALLY CLASSIFIED AS TO USE. THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION SO DETERMINED SHALL APPLY TO THE ENTIRE BUILDING. **
... FIRE SEPARATIONS ARE NOT REQUIRED BETWEEN USES, EXCEPT AS REQUIRED BY OTHER PROVISIONS ***

* NOW APPLIES W/ APRIL 2004 ERRATA TO THE IBC. 406.2.7 NOW READS: "MIXED SEPARATION. PARKING GARAGES SHALL BE SEPARATED FROM OTHER OCCUPANCIES IN ACCORDANCE WITH SECTION 302.3"

** BUILDING CONFORMS 'A–3' EXERCISE ROOM OCCUPANCY, WHICH IS THE MOST RESTRICTIVE CONST. TYPE AND ALLOWABLE AREA

*** PER TABLE 302.3.2, NOTE C, REQUIRED SEPARATION BETWEEN 'S–2' AND 'A–3' OCCUPANCIES IS REDUCED BY ONE HOUR FOR PRIVATE USE.
PER TABLE 302.1.1, SEPARATION IS FURTHER REDUCED BY ONE HOUR WITH AUTOMATIC FIRE–EXTINGUISHING SYSTEM FOR PARKING GARAGES.
CONCLUSION: NO FIRE RESISTANCE SEPARATION IS REQUIRED BETWEEN 'S–2' AND 'A–3' OCCUPANCIES

FIRE FLOW REQUIREMENTS (BASED ON FLOW TESTS FROM PREVIOUS PROJECT)

MINIMUM BASE FLOW: 4,750 GPM @ 20 PSI FOR A DURATION OF 4 HRS
ADJUSTED FIRE FLOW: 50% REDUCTION ALLOWED FOR SPRINKLERS, 25% ALLOWED FOR AN AUTOMATIC FIRE ALARM SYSTEM
HYDRANTS REQUIRED: 2 HYDRANTS

SEE T1.1 AND C1.0 FOR FIRE FLOWS AND HYDRANT LOCATIONS

EGRESS ANALYSIS

CHAPTER 10- MEANS OF EGRESS
SECTION 1003- GENERAL

USE– PARKING GARAGE (S–2) – 1 OCCUPANT/200 SF
USE– EXERCISE ROOM (A–3) – 1 OCCUPANT/50 SF
OCCUPANT LOAD – TABLE 1004.1.2

BASEMENT
TOTAL FIRST FLOOR AREA 11,304 SF
TOTAL S–2 OCCUPANTS= 57

FIRST FLOOR
TOTAL FIRST FLOOR AREA 31,279 SF
TOTAL S–2 OCCUPANTS= 156

SECOND FLOOR
TOTAL SECOND FLOOR AREA 31,279 SF
TOTAL S–2 OCCUPANTS= 156

THIRD FLOOR
TOTAL THIRD FLOOR AREA 31,279 SF
TOTAL S–2 OCCUPANTS= 156

FOURTH FLOOR
TOTAL FOURTH FLOOR AREA 31,279 SF
TOTAL S–2 OCCUPANTS= 156

FIFTH FLOOR
TOTAL FIFTH FLOOR AREA 27,286 SF
PARKING GARAGE AREA = 21,161 SF
EXERCISE ROOM AREA = 6,125 SF
TOTAL PARKING GARAGE OCCUPANTS = 106
TOTAL EXERCISE ROOM OCCUPANTS = 123

TOTAL BUILDING OCCUPIED (FIRE) AREA: 163,706 SF

TOTAL BUILDING OCCUPANTS: 910

SECTION 1005- EGRESS WIDTH

EGRESS WIDTH –– TABLE 1005.1

BASEMENT DOORS – 0.15x57 OCCUPANTS= 8.55" REQ'D (36" MIN)
72" PROVIDED AMONG DOORS
BASEMENT STAIRS – 0.2x57 OCCUPANTS= 11.4" REQ'D (44" MIN)
58" PROVIDED AT EACH STAIR

FIRST FLOOR DOORS – 0.15x156 OCCUPANTS= 23.4" REQ'D (36" MIN)
108" PROVIDED AMONG DOORS
FIRST FLOOR STAIRS – 0.2x156 OCCUPANTS= 31.2" REQ'D (44" MIN)
58" PROVIDED AT EACH STAIR

SECOND FLOOR DOORS – 0.15x156 OCCUPANTS= 23.4" REQ'D (36" MIN)
108" PROVIDED AMONG DOORS
SECOND FLOOR STAIRS – 0.2x156 OCCUPANTS= 31.2" REQ'D (44" MIN)
58" PROVIDED AT EACH STAIR

THIRD FLOOR DOORS – 0.15x156 OCCUPANTS= 23.4" REQ'D (36" MIN)
108" PROVIDED AMONG DOORS
THIRD FLOOR STAIRS – 0.2x156 OCCUPANTS= 31.2" REQ'D (44" MIN)
58" PROVIDED AT EACH STAIR

FOURTH FLOOR DOORS – 0.15x156 OCCUPANTS= 23.4" REQ'D (36" MIN)
108" PROVIDED AMONG DOORS
FOURTH FLOOR STAIRS – 0.2x156 OCCUPANTS= 31.2" REQ'D (44" MIN)
58" PROVIDED AT EACH STAIR

FIFTH FLOOR DOORS – 0.15x229 OCCUPANTS= 34.35" REQ'D (36" MIN)
108" PROVIDED AMONG DOORS
FIFTH FLOOR STAIRS – 0.2x229 OCCUPANTS= 45.8" REQ'D (44" MIN)
58" PROVIDED AT EACH STAIR

SECTION 1006- MEANS OF EGRESS ILLUMINATION

ILLUMINATION DESIGN PROVIDED BY ELECTRICAL SUBCONTRACTOR AS DEFERRED SUBMITTAL

SECTION 1007- MEANS OF EGRESS

AREA OF REFUGE NOT REQUIRED W/ AUTOMATIC SPRINKLER SYSTEM PER 1007.3.2

AREAS OF REFUGE PROVIDED. SEE PLANS.

SECTION 1009- STAIRWAYS AND HANDRAILS

WIDTH, ENCLOSURE, RISE AND RUN, AND ALL COMPONENTS OF STAIR TO MEET SECTION 1009 – SEE INDIVIDUAL SHEETS AND SPECIFICATIONS

WIDTH REQ'D: 44"
WIDTH PROVIDED: 58" CLR

FOR RISE AND RUN, LANDINGS, HEADROOM, HANDRAILS, STAIRWAY CONSTRUCTION, AND IDENTIFICATION, SEE SHEET A7.1

SECTION 1011- EXIT SIGNS

ILLUMINATION DESIGN PROVIDED BY ELECTRICAL SUBCONTRACTOR AS DEFERRED SUBMITTAL

SECTION 1015- EXIT ACCESS TRAVEL DISTANCE

MAXIMUM ALLOWABLE TRAVEL DISTANCE = 400'–0" (SPRINKLERED TABLE 1015.1)

ACTUAL MAXIMUM TRAVEL DISTANCE = 194'–8"

CONCLUSION
ACTUAL MAXIMUM TRAVEL DISTANCE 194'–8" < 400'–0" : ACCEPTABLE
ACTUAL MAXIMUM TRAVEL DISTANCE

SECTION 1016- CORRIDORS

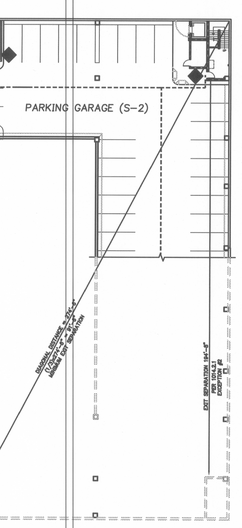
NOT REQUIRED TO BE FIRE RESISTANT RATED (TABLE 1016.1)

SECTION 1018- NUMBER OF EXITS AND CONTINUITY

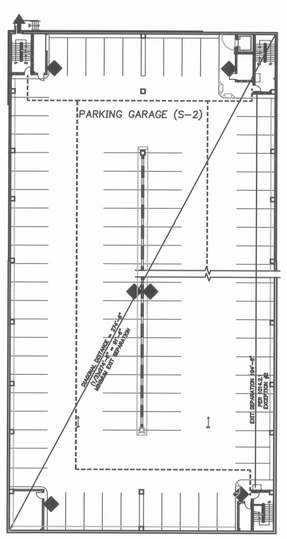
PARKING GARAGE
2 MINIMUM EXITS PROVIDED (TABLE 1018.1)

EXERCISE ROOM
2 EXITS PROVIDED (TABLE 1018.2)

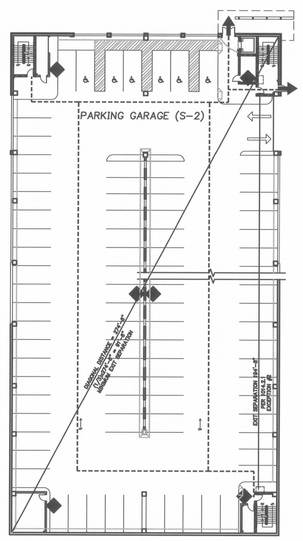
BASEMENT



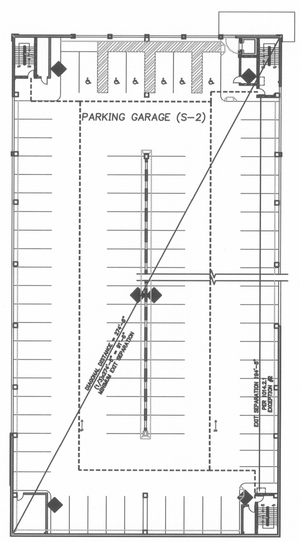
1st FLOOR



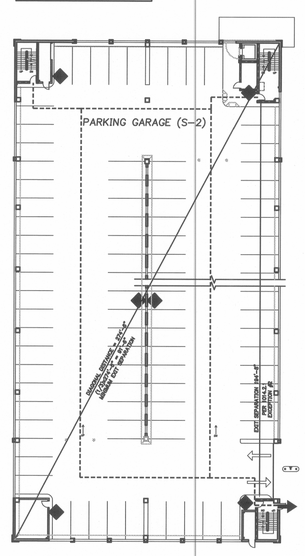
2nd FLOOR



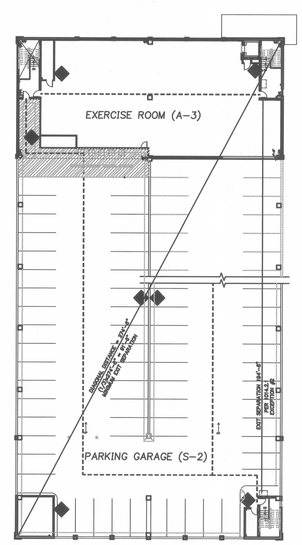
3rd FLOOR



4th FLOOR



5th FLOOR



LEGEND

GROSS OCCUPIABLE AREA PER IBC SECTION 1002.1
RATED MECHANICAL SHAFT
FIRE EXTINGUISHER LOCATION –– CONFIRM LOCATION WITH FIRE MARSHAL
FIRE EXIT
2 HOUR FIRE RESISTIVE WALL ASSEMBLY
EXIT ACCESS PATH OF TRAVEL
AREA OF REFUGE
1 HOUR FIRE RESISTIVE WALL ASSEMBLY

GROUP MACKENZIE
Architecture
Interior Design
Land Use Planning
Civil Engineering
Structural Engineering
Transportation Planning
Landscape Architecture
Portland OR 503.224.8560
Vancouver WA 360.695.7879
Seattle WA 206.749.9993

Client
Regence Blueshield of Idaho

Project
West Parking Structure

Architectural/Structural/Civil
GROUP MACKENZIE
500 Union St. Suite 325
Seattle WA 98101
Phone: (206)749–9993
FAX: (206)749–5565

LICENSED ARCHITECT AR 2597
RICHARD J. MITCHELL
STATE OF IDAHO

REVISIONS:
REVISION DELTA | REVISIONS THIS SHEET | REVISION DELTA CLOSING DATE

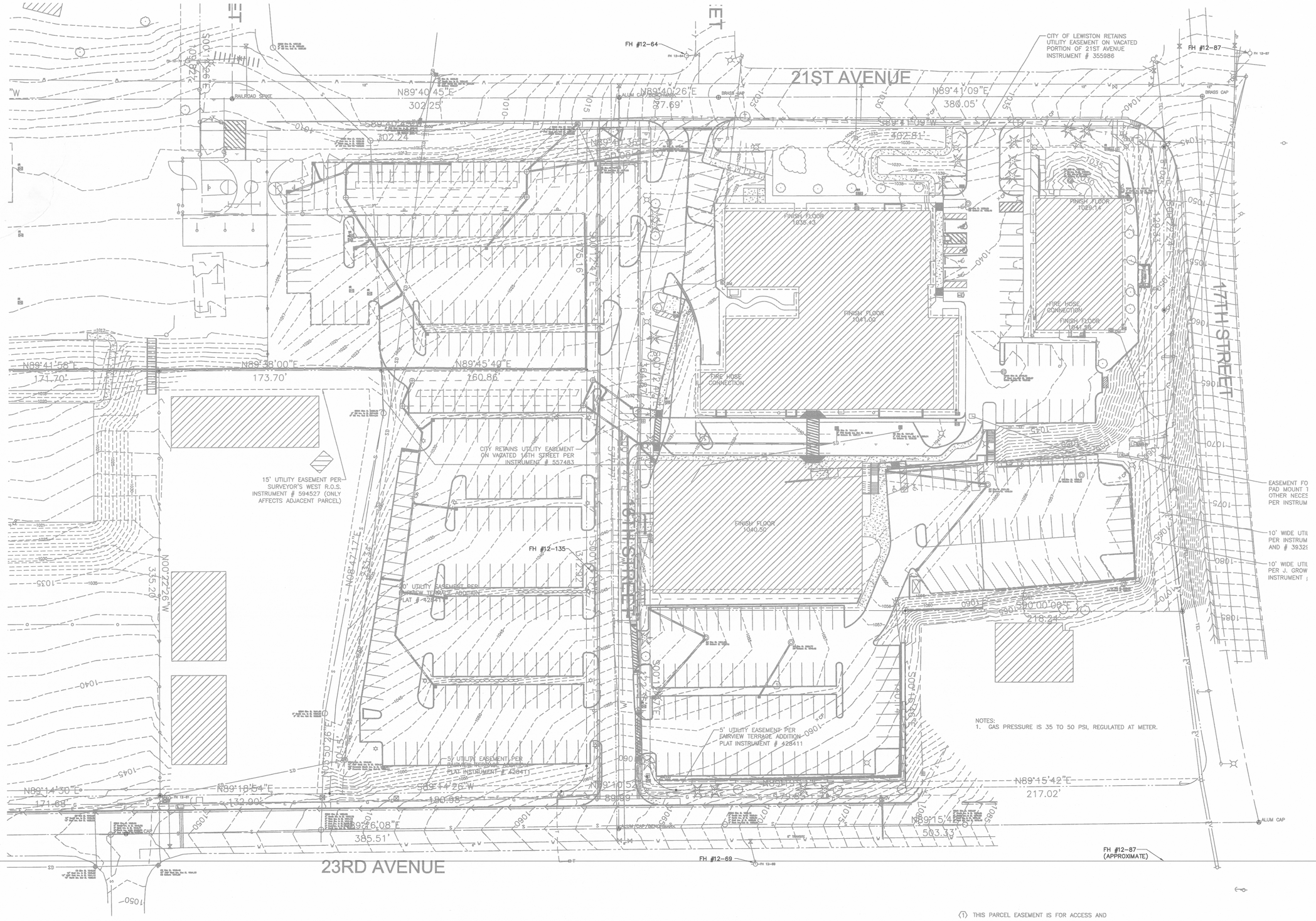
SHEET TITLE:
EGRESS PLANS AND CODE ANALYSIS

DRAWN BY:
CHECKED BY:
SHEET
T1.2

JOB NO. 2050040.06

BUILDING PERMIT SET: 8-1-2007

2050040.06\ARCH\040-T1-2.DWG MET 07/30/07 02:19 1:197.00



NOTES:
1. GAS PRESSURE IS 35 TO 50 PSI, REGULATED AT METER.

⟨1⟩ THIS PARCEL EASEMENT IS FOR ACCESS AND

GROUP MACKENZIE

Civil Engineering
Structural Engineering
Transportation Planning
Landscape Architecture

Architecture
Interior Design
Land Use Planning

Portland OR 503.224.9560
Vancouver WA 360.695.7879
Seattle WA 206.749.9993

Client
Regence Blueshield of Idaho

Regence BlueShield of Idaho

Project
West Parking Structure

Architectural/Structural/Civil
GROUP MACKENZIE
500 Union St. Suite 325
Seattle WA 98101
Phone: (206)749-9993
FAX: (206)749-5565

MATTHEW BUTTS

REVISIONS:

REVISION DELTA	REVISIONS THIS SHEET	REVISION DELTA CLOSING DATE
1		IN PROGRESS

SHEET TITLE:
EXISTING CONDITIONS PLAN

DRAWN BY: JSR

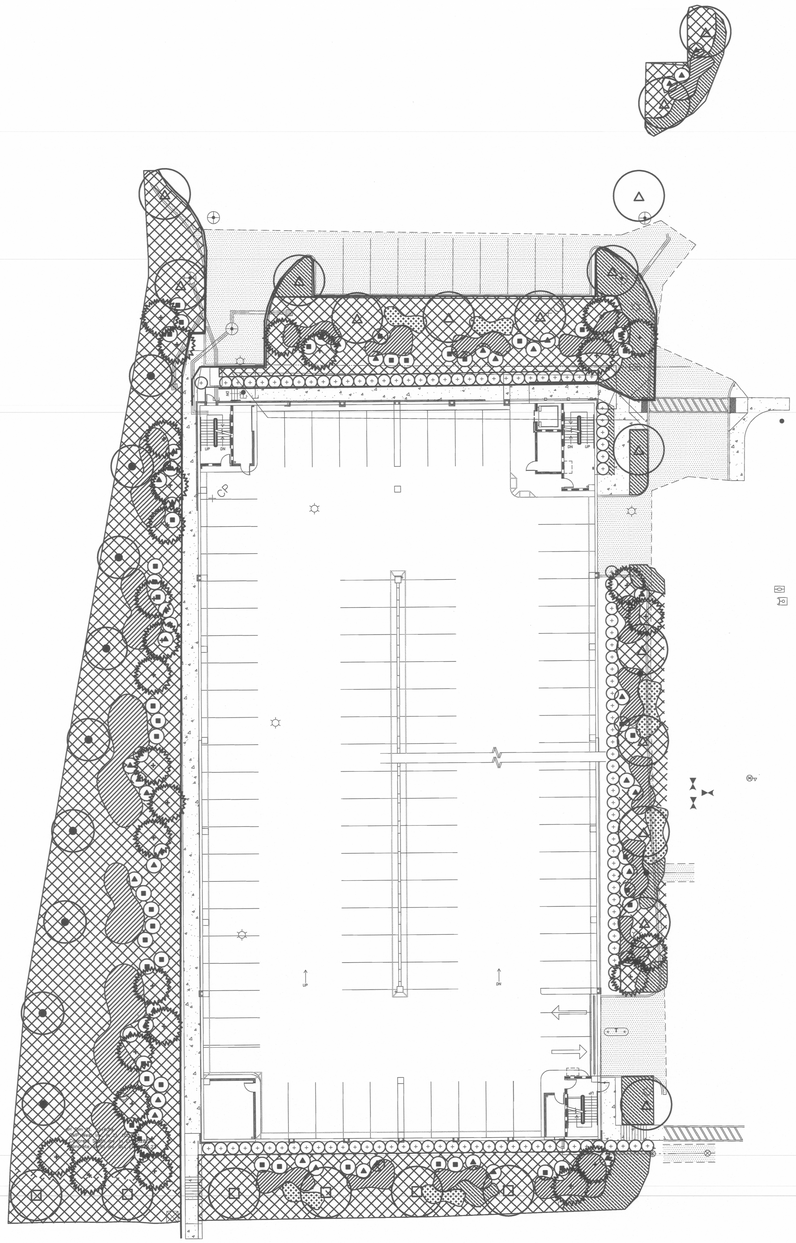
CHECKED BY: MWB

SHEET
C1.0

JOB NO. **2050040.06**

PARKING STRUCTURE SITE PERMIT SET RESUBMITTAL - JUNE 13, 2007

205004006\CIVIL\040C1-0.DWG: 4230 AGL 06/07/07 15:56 1:30



PROPOSED PLANTING PLAN

1 / L1 1"=20'-0"

PLANT MATERIAL SCHEDULE

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE/SPACING	COMMENTS
□	CORNUS KOUSA	DOGWOOD	1" CAL.	
△	PRUNUS SERRULATA 'KWANZAN'	FLOWERING 'KWANZAN' CHERRY	2" CAL.	
●	ACER RUBRUM	RED MAPLE	2" CAL.	
	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	2" CAL.	
	PRUNUS LAUROCERASUS 'OTTO LUYKEN'	OTTO LUYKEN LAUREL	5 GAL./AS SHOWN	
	EUONYMUS ALATUS	BURNING BUSH	5 GAL./AS SHOWN	
	VIBURNUM 'MOHAWK'	VIBURNUM MOHAWK	5 GAL./AS SHOWN	
	50% BERBERIS 'ATROPURPUREA NANA'	CRIMSON PYGMY BARBERRY	2 GAL./30" O.C.	
	50% SPIRAEA JAPONICA 'GOLDMOUND'	SPIRAEA	2 GAL./30" O.C.	
	50% HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	1 GAL./24" O.C.	
	50% VINCA MINOR	COMMON PERIWINKLE	1 GAL./24" O.C.	
	50% PHALARIS ARUNDINACEA 'PICTA'	RED RIBBON GRASS	1 GAL./ 24" O.C.	
	50% LAVANDULA ANGUSTIFOLIA	LAVENDAR 'BABY BLUE'	1 GAL./ 24" O.C.	
	ARCTOSTAPHYLOS 'UVA-URSI'	KINNIKINICK	1 GAL./ 24" O.C.	

PLANTING NOTE:

ALL PLANT MATERIALS WITH THE EXCEPTION OF THE FOLLOWING ARE FROM THE PREVIOUS PLANT LIST:

PSEUDOTSUGA MENZIESII/DOUGLAS FIR

ARCTOSTAPHYLOS 'UVA-URSI'

GENERAL NOTES

A. RE-USE THE EXISTING BACK FLOW PREVENTER THAT IS CURRENTLY ON THE EXISTING SYSTEM.

KEYNOTES

GROUP MACKENZIE

Civil Engineering
Structural Engineering
Transportation Planning
Landscape Architecture

Architecture
Interior Design
Land Use Planning

Portland OR 503.224.9560
Vancouver WA 360.695.7879
Seattle WA 206.749.9993

Client
Regence Blueshield of Idaho

Regence BlueShield of Idaho

Project
West Parking Structure

Architectural/Structural/Civil
GROUP MACKENZIE
500 Union St. Suite 325
Seattle WA 98101
Phone: (206)749-9993
FAX: (206)749-5565

REVISIONS:

REVISION DELTA	REVISION DELTA CLOSING DATE

SHEET TITLE:
LANDSCAPE PLAN

DRAWN BY: JM

CHECKED BY: DKJ

SHEET

L1

JOB NO. 2050040.06

IN PROGRESS - FOR REFERENCE ONLY
BUILDING PERMIT SET: 8-1-2007